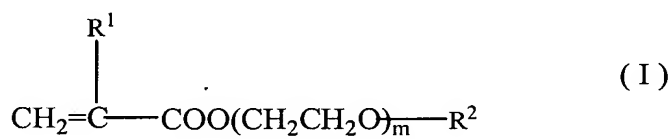


IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): An aqueous dispersion comprising water-insoluble vinyl polymer particles, ~~wherein the particles contain~~ which comprise a water-insoluble vinyl polymer and C.I. Pigment Blue 15:4 as a colorant, wherein said water-insoluble vinyl polymer is prepared by polymerizing a monomer composition comprising:

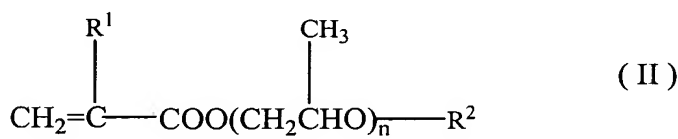
(A) 0 to 45% by weight of a monomer A represented by formula (I):



wherein R¹ is a hydrogen atom or a methyl group; R² is a hydrogen atom, an alkyl group having 1 to 20 carbon atoms or a phenyl group which may have an alkyl group having 1 to 9 carbon atoms; and m is a number of 1 to 30;

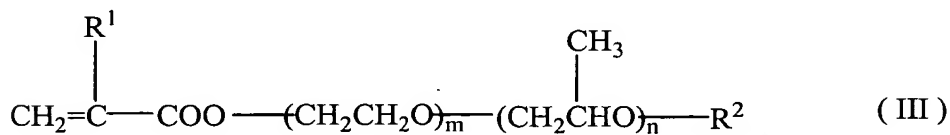
(B) 0 to 45% by weight of at least one monomer selected from the group consisting of:

a monomer B1 represented by formula (II):



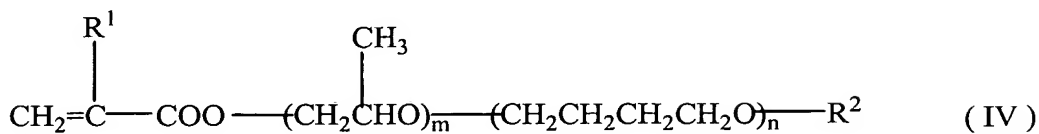
wherein R¹ and R² are as defined above; and n is a number of 1 to 30,

a monomer B2 represented by formula (III):



wherein R¹, R², m and n are as defined above, and the oxypropylene group and oxytetramethylene group are present in a block or random form,

a monomer B3 represented by the formula (IV):



wherein R^1 , R^2 , m and n are as defined above, and the oxypropylene group and oxytetramethylene group are present in a block or random form;

(C) 3 to 40% by weight of a monomer having a salt-forming group; and

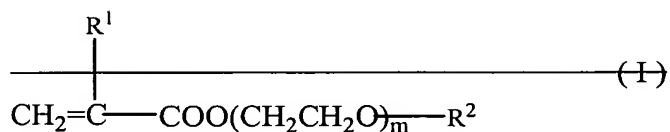
(D) 15 to 87% by weight of at least one copolymerizable monomer copolymerizable with the monomer A, the monomer B1, the monomer B2, the monomer B3 and the monomer having a salt-forming group, selected from the group consisting of a styrenic monomer, a styrenic macromer, a silicone macromer, a (meth)acrylate, and an aromatic ring-containing monomer,

wherein the total content of the monomer A and the monomer B in the monomer composition is at least 5% by weight, and the amount of the polymer is 20 to 200 parts by weight based on 100 parts by weight of C.I. Pigment Blue 15:4.

Claim 2 (Currently Amended): The aqueous dispersion according to claim 1, wherein the total content of the monomer A and the monomer B in the monomer composition is 5 to 45% by weight

water insoluble vinyl polymer is prepared by polymerizing a monomer composition comprising:

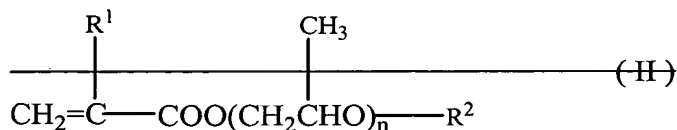
(A) 0 to 45% by weight of a monomer A represented by formula (I):



wherein R^1 is a hydrogen atom or a methyl group; R^2 is a hydrogen atom, an alkyl group having 1 to 20 carbon atoms or a phenyl group which may have an alkyl group having 1 to 9 carbon atoms; and m is a number of 1 to 30;

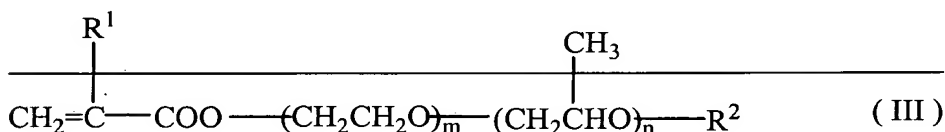
(B) 0 to 45% by weight of at least one monomer selected from the group consisting of:

a monomer B1 represented by formula (II):



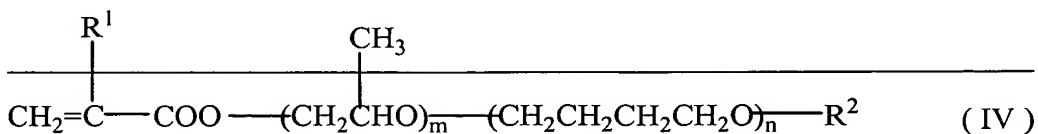
wherein R^1 and R^2 are as defined above; and n is a number of 1 to 30,

a monomer B2 represented by formula (III):



wherein R^1 , R^2 , m and n are as defined above, and oxypropylene group and oxytetramethylene group are added in a block or random form;

a monomer B3 represented by the formula (IV):



wherein R^1 , R^2 , m and n are as defined above, and oxypropylene group and oxytetramethylene group are added in a block or random form;

(C) 3 to 40% by weight of a monomer having a salt forming group; and

(D) 15 to 87% by weight of a copolymerizable monomer copolymerizable with the monomer A, the monomer B1, the monomer B2, the monomer B3 and the monomer having a salt forming group;

~~wherein the total content of the monomer A and the monomer B is at least 5% by weight.~~

Claim 3 (Currently Amended): The aqueous dispersion according to ~~claim 2~~ Claim 1, wherein the copolymerizable monomer comprises at least one monomer selected from the group consisting of an aromatic ring-containing monomer and a styrenic macromer.

Claim 4 (Currently Amended): The aqueous dispersion according to Claim 3, wherein the copolymerizable monomer comprises at least one aromatic ring-containing monomer ~~is at least one member~~ selected from ~~from~~ the group consisting of styrene, α -methylstyrene, vinyltoluene and vinylnaphthalene.

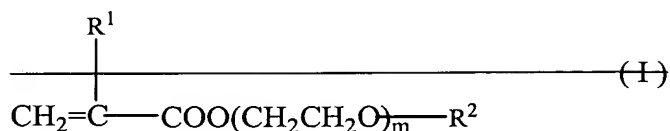
Claim 5 (Currently Amended): The aqueous dispersion according to Claim 4, wherein the copolymerizable monomer comprises a macromer ~~is a~~ styrenic macromer having a polymerizable functional group at one end.

Claim 6 (Original): A water-based ink comprising the aqueous dispersion according to claim 1.

Claim 7 (Currently Amended): The water-based ink according to claim 6, wherein the total content of the monomer A and the monomer B in the monomer composition is 5 to 45% by weight

~~water insoluble vinyl polymer is prepared by polymerizing a monomer composition comprising:~~

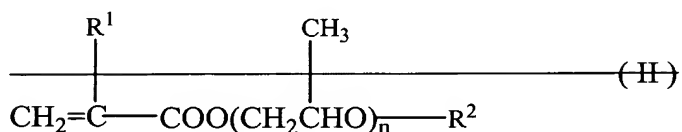
~~(A) 0 to 45% by weight of a monomer A represented by formula (I):~~



wherein R^1 is a hydrogen atom or a methyl group; R^2 is a hydrogen atom, an alkyl group having 1 to 20 carbon atoms or a phenyl group which may have an alkyl group having 1 to 9 carbon atoms; and m is a number of 1 to 30;

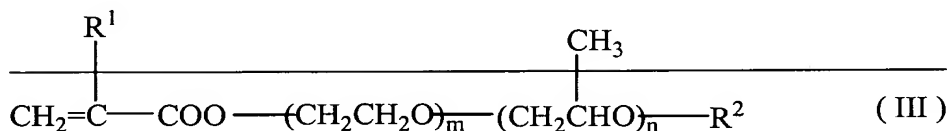
(B) 0 to 45% by weight of at least one monomer selected from the group consisting of:

a monomer B1 represented by formula (II):



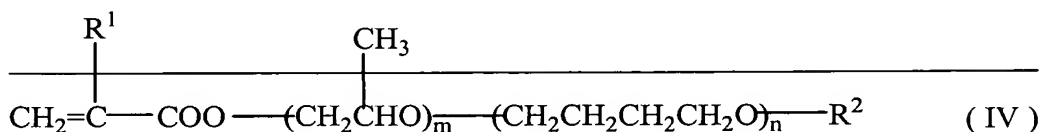
wherein R^1 and R^2 are as defined above; and n is a number of 1 to 30;

a monomer B2 represented by formula (III):



wherein R^1 , R^2 , m and n are as defined above, and oxypropylene group and oxytetramethylene group are added in a block or random form;

a monomer B3 represented by the formula (IV):



wherein R^1 , R^2 , m and n are as defined above, and oxypropylene group and oxytetramethylene group are added in a block or random form;

(C) 3 to 40% by weight of a monomer having a salt-forming group; and

~~(D) 15 to 87% by weight of a copolymerizable monomer copolymerizable with the monomer A, the monomer B1, the monomer B2, the monomer B3 and the monomer having a salt-forming group,~~

~~wherein the total content of the monomer A and the monomer B is at least 5% by weight.~~

Claim 8 (Currently Amended): The water-based ink according to ~~claim 7~~ Claim 6, wherein the copolymerizable monomer comprises at least one monomer selected from the group consisting of an aromatic ring-containing monomer and a styrenic macromer.

Claim 9 (Currently Amended): The water-based ink according to claim 8, wherein the copolymerizable monomer comprises at least one aromatic ring-containing monomer ~~is at least one member selected from~~ from ~~from~~ the group consisting of styrene, α -methylstyrene, vinyltoluene and vinylnaphthalene.

Claim 10 (Currently Amended): The water-based ink according to claim 8, wherein the copolymerizable monomer comprises a macromer ~~is a~~ styrenic macromer having a polymerizable functional group at one end.

Claim 11 (New): The aqueous dispersion according to Claim 1, wherein the water-insoluble vinyl polymer consists of polymerized monomer units of three or more of monomers (A), (B), (C) and (D).

Claim 12 (New): The aqueous dispersion according to Claim 1, wherein the water-insoluble polymer particles consist of a water-insoluble vinyl polymer prepared by polymerizing monomers having only a single ethylenically unsaturated group.

Claim 13 (New): The aqueous dispersion according to Claim 1, wherein the monomer (C) is at least one selected from the group consisting of an unsaturated carboxylic monomer, an unsaturated sulfonic monomer, and an unsaturated phosphoric acid monomer.

Claim 14 (New): The aqueous dispersion according to Claim 1, wherein the water-insoluble polymer particles consist of a water-insoluble vinyl polymer consisting of polymerized units of polyethylene glycol monomethacrylate, methacrylic acid, and styrene.

Claim 15 (New): The aqueous dispersion according to Claim 1, wherein the water-insoluble polymer particles consist of a water-insoluble vinyl polymer consisting of polymerized monomer units of polyethylene glycol monomethacrylate, methacrylic acid, styrene, and a styrenic macromer having a polymerizable methacryloyloxy group at one end.

Claim 16 (New): The aqueous dispersion according to Claim 1, wherein the water-insoluble polymer particles consist of a water-insoluble vinyl polymer consisting of polymerized monomer units of polyethylene glycol monomethacrylate, polypropylene glycol monomethacrylate, methacrylic acid, styrene, and a styrenic macromer having a polymerizable methacryloyloxy group.

Claim 17 (New): The water-based ink according to Claim 7, wherein the water-insoluble vinyl polymer comprises polymerized monomer units of polyethylene glycol monomethacrylate, methacrylic acid, and styrene.

Claim 18 (New): The water-based ink according to Claim 7, wherein the water-insoluble polymer particles consist of a water-insoluble vinyl polymer consisting of polymerized monomer units of polyethylene glycol monomethacrylate, methacrylic acid, styrene, and a styrenic macromer having a polymerizable methacryloyloxy group.

Claim 19 (New): The water-based ink according to Claim 7, wherein the water-insoluble polymer particles consist of a water-insoluble vinyl polymer consisting of polymerized monomer units of polyethylene glycol monomethacrylate, polypropylene glycol monomethacrylate, methacrylic acid, styrene, and a styrenic macromer having a polymerizable methacryloyloxy group.

Claim 20 (New): The water-based ink according to Claim 7, wherein the monomer (C) is at least one selected from the group consisting of an unsaturated carboxylic monomer, an unsaturated sulfonic monomer, and an unsaturated phosphoric acid monomer.

Claim 21 (New): The water-based ink according to Claim 7, having an angular dependency of color tone having maximum change in a^* of less than 40.

Claim 22 (New): The aqueous dispersion according to Claim 1, wherein the water-insoluble polymer particles consist of a water-insoluble polymer containing polymerized monomer units of only at least three of monomers (A), (B), (C), and (D).

Claim 23 (New): The water-based ink according to Claim 7, wherein the water-insoluble polymer particles consist of a water-insoluble polymer containing polymerized monomer units of only at least three of monomers (A), (B), (C), and (D).

BASIS FOR THE AMENDMENT

Claims 1-23 are active in the present application. Independent Claim 1 has been amended to include the limitations of previous dependent Claim 2. Silicone macromers are described beginning at page 14. Claim 2 has been amended to define the amount of monomer units that may be present in the polymer. Support for the amendment to Claim 2 is found on page 10, lines 6-11. Claims 3 and 8 have been amended to depend from Claims 1 and 6, respectively. Claims 4-5 and 9-10 have been amended for clarity. Claims 11-21 are new claims. Support for new Claims 11-13 is found in the examples. The examples disclose preparative examples that include forming a water-insoluble polymer by subjecting a monomer composition to polymerization. The monomer composition contains only monomer units that have a single ethylenically unsaturated group. The polymerization conditions are conventional, e.g., they are carried out under such conditions in the presence of a chain transfer reagent and a radical initiator that conventional polymerization is achieved in the absence of grafting. Support for new Claims 14-19 is found in Table 1. Support for new dependent Claim 20 is found as mentioned above for new dependent Claims 11-13. Support for new Claims 21-23 is found in the Examples. No new matter is believed to have been entered by this amendment.